Form H - Environmental Impact - Air Emissions

Please provide the following emission rate information for proposed generator(s), including supplemental capacity (duct-firing, steam injection, etc.), if applicable.

Emission Rates on **Primary Fuel**

	Base Capacity (lb/MMBtu)	**Full Load w/ Supplemental Capacity (lb/MMBtu)**
Oxides of Sulfur	0.03	All To Be Determined
Oxides of Nitrogen	0.026	
Carbon Dioxide	201	
Carbon Monoxide	0.014	
Volatile Organic Compounds	0.002	
Particulate Matter - PM10	0.013	
Particulate Matter - PM2.5	0.013	
Lead	TBD	
Mercury	0.51 x 10-6	

All emission values are permit estimates.

Maximum NOx emission rate (in parts per million): 7 @ 15% O2

Maximum CO emission rate (in parts per million): 6.2 @ 15% O2

Maximum permitted/permittable annual capacity factor (%): 100%

Emission Rates on **Secondary Fuel** (if applicable)

	Base Capacity (lb./MMBtu)	**Full Load w/ Supplemental Capacity (lb/MMBtu)**
Oxides of Sulfur	0.016	NA
Oxides of Nitrogen	0.063	NA
Mercury	NA	NA
Carbon Dioxide	161	NA
Carbon Monoxide	0.041	NA
Volatile Organic Compounds	0.006	NA
Particulate Matter	0.011	NA

Maximum NOx emission rate (in parts per million): 13 @ 15%O2

Maximum CO emission rate (in parts per million): 14 @ 15%O2

Maximum permitted/permittable annual capacity factor (%): 2.7

Indicate if Facility is capable of CO2 capture. If yes, describe the potential methods for capture and associated costs.

The facility is designed for 65% carbon capture. The carbon capture and sequestration option is discussed in Section 6 (Carbon Capture and Sequestration)